| Form 1 | 1449 ( | Mod | ifīed) |
|--------|--------|-----|--------|
|--------|--------|-----|--------|

Docket No. 21521-300101

Application No.: No.

assigned

Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

Applicant: Vickers et al.

Filing Date: Herewith

Group: Unassign

## U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-<br>class | Filing Date |
|------------------|-----|------------|------|----------|-------|---------------|-------------|
|                  | A   |            |      |          |       |               |             |
|                  | В   |            |      |          |       |               |             |
|                  | C   |            | · ,  |          |       |               |             |
|                  | D   |            |      |          |       |               |             |
|                  | E   |            |      |          |       |               |             |
| ·                | F   |            |      |          |       |               |             |
|                  | G   |            |      |          |       |               |             |
|                  | H   |            |      |          |       |               |             |

Foreign Patent or Published Foreign Patent Application

| Examiner<br>Initial | No. | Document<br>No. | Publication<br>Date | Country or Patent Office | Class | Sub-<br>class | Translation<br>Yes No | ì |
|---------------------|-----|-----------------|---------------------|--------------------------|-------|---------------|-----------------------|---|
|                     | L   |                 |                     |                          |       |               |                       |   |

#### Other Documents

| Examiner                       |  |  |  |  |
|--------------------------------|--|--|--|--|
| Initial                        | No.  | Author, Title, Date, Place (e.g. Journal) of Publication                 |  |  |
|                                | M  | Sound Forge Product Literature,  |  |  |
| CRC                            |  | www.sonicfoundry.com/products/NewShowProduct.asp?PID+426,                |  |  |
|                                |  | date unknown   |  |  |
| 000                            | N  | 1  |  |  |
| CRC                            |  | Broadcasting and Mastering", date unknown                                |  |  |
| CPL                            | 0  | Dolby Laboratories, Inc., "A Guide to Dolby Metadata", date unknown      |  |  |
| (0)                            | P Vickers, "Automatic Long-Term Loudness and Dynamics Matching", Audio |  |  |  |
| CPL                            |  | Engineering Society 111th Convention, Sept. 21-24, 2001.                 |  |  |
| Cr                             | R  | 1  |  |  |
|                                |  | Vol. 48, No. 11, Nov. 2000, pp. 1060-1065.                               |  |  |
|                                | S  | Floru, "Attack and Release Time Constants in RMS-Based Feedback          |  |  |
| CIL                            |  | Compressors", J. Audio Eng. Soc., Vol. 47, No. 10, October 1999, pp.788- |  |  |
| 0, =                           |  | 803.   |  |  |
| CPL                            | T  | Robinson, et al. "Dynamic Range Control via Metadata" AES 107th          |  |  |
| Convention, Sept. 24-27, 1999. |  |  |  |  |
| Examiner                       | , ,  | Date Considered 9/06/05  |  |  |
| 4                              | Oly  | 9/00/03  |  |  |
|                                |  |  |  |  |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   | assigned  |
|---|---|
| Statement By Applicant                      | ant: Vickers et al.  Date: Herewith Group: Unassigned |
| U.S. Patent Doc                             | cuments 20/   |
| Examiner Initial No. Patent No. Date Patent | ee Class Class Date                                   |
| A   |   |
| В   |   |
| C   |   |

Foreign Patent or Published Foreign Patent Application

E

G H

| Examiner<br>Initial | No. | Document<br>No. | Publication<br>Date | Country or Patent Office | Class | Sub-<br>class | Trans<br>Yes | lation<br>No |
|---------------------|-----|-----------------|---------------------|--------------------------|-------|---------------|--------------|--------------|
|                     | L   |                 |                     |                          |       |               |              |              |

### Other Documents

| Examiner | i T   |   |  |  |
|----------|---|---|--|--|
| Initial  | No  | Author, Title, Date, Place (e.g. Journal) of Publication  |  |  |
| Illitial | 110.  |   |  |  |
| CPL      | M   | Zwicker, et al. "Psychoacoustics", January 1999, pp.315-325.  |  |  |
| CPC      | N   | ZKM Institute for Music and Acoustics, November 19-21, 1998.  |  |  |
| CPC      | 0   | Dolby Laboratories, Inc. "Dolby Digital Broadcast Implementation Guidelines", 1998.                             |  |  |
| CPC      | P Moore, "A Model for the Prediction of Thresholds, Loudness, and Partial Loudness", J. Audio Eng. Soc., Vol. 45, No. 4, April 1997, pp. 224-239. |   |  |  |
| CPL      | R   | Allen, "Are Movies Too Loud?", SMPTE Film Conference, March 22, 1997.   |  |  |
| CPC      | S   | Stone, "Dynamic aspects of loudness: A real-time loudness meter", British Journal of Audiology, Vol. 30, 1996.  |  |  |
| CPC      | Т   | Zolzer, "Digital Audio Signal Processing", Technical University of Hamburg-Harburg, Germany, 1995, pp. 207-219. |  |  |
| Examiner | de  | Date Considered 89/06/05  |  |  |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form 1449 (Modified)                             | Docket No. 21521-300101                         | Application No.: Not          |
|--|---|-------------------------------|
|  |   | assigned                      |
| Information Disclosure<br>Statement By Applicant | Applicant: Vickers et al. Filing Date: Herewith | ////J5//<br>Group: Unassigned |
| (Use Several Sheets if Necessary)                | I ming Dute. Horowith                           | Croup. Chassigned             |

### **U.S. Patent Documents**

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-<br>class | Filing<br>Date |
|------------------|-----|------------|------|----------|-------|---------------|----------------|
|                  | Α   |            |      |          |       |               |                |
|                  | В   |            |      |          |       |               |                |
|                  | C   |            |      |          |       |               |                |
|                  | D   |            |      |          |       |               |                |
|                  | E   |            |      |          |       |               |                |
|                  | F   |            |      |          |       |               |                |
|                  | G   |            |      |          |       | 1             |                |
|                  | H   |            |      |          |       |               |                |

Foreign Patent or Published Foreign Patent Application

| Examiner<br>Initial | No. | Document No. | Publication<br>Date | Country or Patent Office | Class | Sub-<br>class | <br>lation<br>No |
|---------------------|-----|--------------|---------------------|--------------------------|-------|---------------|------------------|
| · ·                 | L   |              |                     |                          |       |               |                  |

# Other Documents

| Examiner<br>Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication   |
|---------------------|-----|--|
| - Innua             |     |  |
| ca                  | M   | Bateman, et al., "Digital Signal Processing Design", Computer Science Press, 1989, pp. 307-311.  |
| CPL                 | N   | McNally, "Dynamic Range Control of Digital Audio Signals", J. Audio Eng. Soc., Vol. 32, No. 5, May 1984, pp. 316-327.                          |
| CPL                 | 0   | Zwicker, "Critical Band Width in Loudness Summation", The Journal of The Acoustical Society of America, Vol. 20, No. 5, May 1957, pp. 548-557. |
|                     | P   | r  |
|                     | R   |  |
|                     | S   |  |
|                     | T   |  |
| Examiner            | Cas | Date Considered  |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.